ELSEVIER

Performance Evaluation 24 (1996) 337–338

PERFORMANCE EVALUATION
An International Journal

Author Index Volume 24

(The issue number is given in front of the page numbers)

Ajmone Marsan, M., A. Bianco, T.V. Do, L. Jereb, R. Lo Cigno and **M. Munafò**, ATM simulation with CLASS (1) 137–159

Baynat, B. and **Y. Dallery**, A product-form approximation method for general closed queueing networks with several classes of customers (3) 165–188
Bellur, B.R. and **G.H. Sasaki**, A buffered statistical data fork (3) 205–229
Bianco, A., *see* **Ajmone Marsan, M.** (1) 137–159
Bruneel, H., *see* **Xiong, Y.** (3) 189–204

Campbell, L.L., *see* **Zhao, Y.** (3) 231–244
Chiola, G., G. Franceschinis, R. Gaeta and **M. Ribaudo**, GreatSPN 1.7: graphical editor and analyzer for timed and stochastic Petri nets (1) 47– 68
Conway, A.E., *see* **Pinsky, E.** (4) 303–309

Dallery, Y., *see* **Baynat, B.** (3) 165–188
Do, T.V., *see* **Ajmone Marsan, M.** (1) 137–159

Falin, G., Heavy traffic analysis of integrated services systems (4) 295–302
Franceschinis, G., *see* **Chiola, G.** (1) 47– 68
Franks, G., A. Hubbard, S. Majumdar, J. Neilson, D. Petriu, J. Rolia and **M. Woodside**, A toolset for performance engineering and software design of client-server systems (1) 117–136

Gaeta, R., *see* **Chiola, G.** (1) 47– 68
German, R., C. Kelling, A. Zimmermann and **G. Hommel**, TimeNET: a toolkit for evaluating non-Markovian stochastic Petri nets (1) 69– 87
Gupta, U.C. and **T.S.S. Srinivasa Rao**, Computing steady state probabilities in $\lambda(n)/G/1/K$ queue (4) 265–275

Hill, J.R. and **B. Melamed**, TEStool: A visual interactive environment for modeling autocorrelated time series (1) 3– 22
Hommel, G., *see* **German, R.** (1) 69– 87
Hubbard, A., *see* **Franks, G.** (1) 117–136

Jereb, L., *see* **Ajmone Marsan, M.** (1) 137–159

Kaufman, J.S. and **K.M. Rege**, Blocking in a shared resource environment with batched Poisson arrival processes (4) 249–264
Kelling, C., *see* **German, R.** (1) 69– 87
Klevans, R.L. and **W.J. Stewart**, From queueing networks to Markov chains: the XMARCA interface (1) 23– 45

Lavenberg, S. and **E. MacNair**, Performance modeling tools (1) 1– 2
Lo Cigno, R., *see* **Ajmone Marsan, M.** (1) 137–159

MacNair, E., *see* **Lavenberg, S.** (1) 1– 2
Majumdar, S., *see* **Franks, G.** (1) 117–136
Malhotra, M., A computationally efficient technique for transient analysis of repairable Markovian systems (4) 311–331
Melamed, B., *see* **Hill, J.R.** (1) 3– 22
Munafò, M., *see* **Ajmone Marsan, M.** (1) 137–159

Neilson, J., *see* **Franks, G.** (1) 117–136

Obal II, W.D., *see* **Sanders, W.H.** (1) 89–115

Petriu, D., *see* **Franks, G.** (1) 117–136
Pinsky, E. and **A.E. Conway**, Mean-value analysis of multi-facility blocking models with state-dependent arrivals (4) 303–309

Qureshi, M.A., *see* **Sanders, W.H.** (1) 89–115

Rege, K.M., *see* **Kaufman, J.S.** (4) 249–264
Ribaudo, M., *see* **Chiola, G.** (1) 47– 68
Rolia, J., *see* **Franks, G.** (1) 117–136

Sanders, W.H., W.D. Obal II, M.A. Qureshi and **F.K. Widjanarko**, The *UltraSAN* modeling environment (1) 89–115
Sasaki, G.H., *see* **Bellur, B.R.** (3) 205–229
Srinivasa Rao, T.S.S., *see* **Gupta, U.C.** (4) 265–275
Stewart, W.J., *see* **Klevans, R.L.** (1) 23– 45
Steyaert, B. and **Y. Xiong**, Analysis of a discrete-time queue with general three-state Markovian traffic sources (4) 277–294
Steyaert, B., *see* **Xiong, Y.** (3) 189–204

Widjanarko, F.K., *see* **Sanders, W.H.** (1) 89–115
Woodside, M., *see* **Franks, G.** (1) 117–136

Xiong, Y., H. Bruneel and **B. Steyaert**, Deriving delay characteristics from queue length statistics in discrete-time queues with multiple servers (3) 189–204
Xiong, Y., *see* **Steyaert, B.** (4) 277–294

Zhao, Y. and **L.L. Campbell**, Performance analysis of a multibeam packet satellite system using random access techniques (3) 231–244
Zimmermann, A., *see* **German, R.** (1) 69– 87

ELSEVIER

Performance Evaluation 24 (1996) 339

PERFORMANCE EVALUATION
An International Journal

Subject Index to Volume 24

Analysis and simulation of stochastic Petri nets, 69
ATM, 189, 277
ATM networks, 137
Autocorrelated processes, 3
Availability, 311

Batch Poisson, 249
Blocking, 249
Blocking model, 303
Buffer contents, 277

Class-aggregation, 165
Client-server systems, 117
Closed multiclass queueing networks, 165
Computational analysis, 265
Correlated arrivals, 189
CTMC, 47

Decomposition, 165
Delay characteristics, 189
Dependability, 89, 311
Discrete time, 189
Discrete-time queueing, 277
Distributed systems, 117

Erlang, 249

Fundamental relationship, 189

General service time, 265
Generalting function, 189
Graphical user interface, 3, 69

Heavy traffic, 295

Inequalities, 295
Input analysis, 3
B-ISDN, 137

Layered system models, 117
Limit theorem, 295
Lyapunov function, 295

Markov chains, 311
Mean-value analysis, 303
Model-based evaluation, 89
Modeling tool, 47
Multi-facility, 303
Multiserver queue, 189

Ordinary differential equations, 311

Performability, 89, 311
Performance, 89
Performance analysis, 137, 165
Performance and dependability modeling tool, 69
Performance modeling, 117
Performance tools, 117
Petri nets, 47
Product-form approximation, 165

Queueing, 265
Queueing networks, 117
Queue length distribution, 265

Recursion, 303
Reliability, 311
Repairable systems, 311
Resource sharing, 249

Simulation, 3, 47
Simulation tool, 137
Software environment, 3
Software performance engineering, 117
Source modeling, 3
Stability, 311
State-dependent, 303
State-dependent arrival, 265
3-State MMBP, 277
Stationary distribution, 295
Stiffness, 311
Stochastic activity networks, 89
Stochastic Petri nets, 89
Stochastic processes, 3

Tail probabilities, 277
Temporal dependence, 3
TES processes, 3
TES sequences, 3
Transient analysis, 311